

Compressing .nc Dataset Files

This step compresses the .nc dataset file to prepare it for analysis.

Compress Dataset

Well Alignment

Select Alignment

Export Suffix

_export

☐ Compression Options

☐ Generate One MP4 per Video Tile

Encoder: hevc_nvenc

☒ Batch Analysis

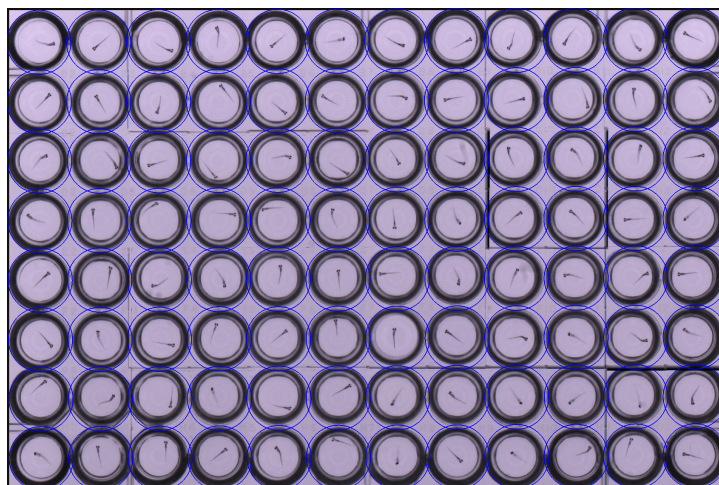
/MCAM_data/Doreen/_video_20240606_180700_139

Add Files

Remove Select File

Clear File List

Compress



Single File Compression

Step	Function
1	Open .nc dataset file in MCAM Viewer
2	Go to File > Compress > Compress Video
3	In Compress Dataset panel, click Select Alignment File
4	Select Well Alignment File created in 1) Creating a Well Alignment File, corresponding to well plate depicted in open .nc dataset file Blue circles will appear, indicating locations to be extracted as wells.
5	If interested in the Compression Options visit the MCAM User Manual and look at the Video Compression → Compression Options subsection.
6	Click Compress. New Compressed Data Folder named "filename_export" will now be generated in same directory as original .nc dataset file

Batch File Compression

Batch file compression allows the user to compress multiple .nc dataset files at once. All files to undergo batch compression must share a Well Alignment File.

Step	Function
1	In MCAM™ Viewer, go to File > Compress > Compress Video
2	In Compress Dataset panel, check Batch Analysis box
3	Select Add Files to add files to list to compress. Only add .nc dataset files that can use the same Well Alignment File.
4	Select Well Alignment File created in "Creating Well Alignment Files", corresponding to well plates in files added to list to compress Blue circles will appear, indicating locations to be extracted as wells.
5	Click Compress.

	New Compressed Data Folders named "filename_export" will now be generated in same directory as original .nc dataset files
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